

CONTINGENCY

PROJECT

SCIP

APPLICATION FOR FINANCIAL ASSISTANCE
Revised 4/99

IMPORTANT: Please consult the "Instructions for Completing the Project Application for assistance in completion of this form."

CB17G

SUBDIVISION: City of St. Bernard

CODE# 061-69470

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 09 / 09 / 02

CONTACT: William R. McCormick PHONE # (513) 721-5500

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 721-5500 E-MAIL ivatter@jmaconsult.com

PROJECT NAME: Washington Avenue Storm Sewer Improvements

SUBDIVISION TYPE

(Check only 1)

- ☐ 1. County
☒ 2. City
☐ 3. Township
☐ 4. Village
☐ 5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☒ 1. Grant \$ 275,000
☐ 2. Loan \$ _____
☐ 3. Loan Assistance \$ _____

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road
☐ 2. Bridge/Culvert
☐ 3. Water Supply
☐ 4. Wastewater
☐ 5. Solid Waste
☒ 6. Stormwater

TOTAL PROJECT COST: \$ 550,000.00

FUNDING REQUESTED: \$ 275,000.00

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ 275,000 LOAN ASSISTANCE: \$ _____
SCIP LOAN: \$ _____ RATE: _____ % TERM: _____ yrs.
RLP LOAN: \$ _____ RATE: _____ % TERM: _____ yrs.

(Check only 1)

- ☒ State Capital Improvement Program
☐ Local Transportation Improvements Program
☐ Small Government Program

FOR OPWC USE ONLY

PROJECT NUMBER: C _____ / C _____
\$ _____

Local Participation _____ %
_____ %

OPWC Participation _____ %

Project Release Date: ____ / ____ / ____

OPWC Approval: _____

APPROVED FUNDING:

Loan Interest Rate:

Loan Term: _____ years

Maturity Date: _____

Date Approved: ____ / ____ / ____

SCIP Loan _____ RLP Loan _____

OFFICE OF NEW BURLINGTON
COUNTY ENGINEER
2002 SEP 20 PM 2:39

1.0 PROJECT FINANCIAL INFORMATION

**FORCE ACCOUNT
TOTAL DOLLARS DOLLARS**

1.1 PROJECT ESTIMATED COSTS:
(Round to Nearest Dollar)

- a.) **Basic Engineering Services:** \$.00
- Preliminary Design \$.00
 Final Design \$.00
 Bidding \$.00
 Construction Phase \$.00
- Additional Engineering Services \$.00
 *Identify services and costs below.
- b.) **Acquisition Expenses:**
 Land and/or Right-of-Way \$.00
- c.) **Construction Costs:** \$ 550,000 .00
- d.) **Equipment Purchased Directly:** \$.00
- e.) **Permits, Advertising, Legal:** \$.00
 (Or Interest Costs for Loan Assistance
 Applications Only)
- f.) **Construction Contingencies:** \$.00
- g.) **TOTAL ESTIMATED COSTS:** \$ 550,000 .00

***List Additional Engineering Services here:**
Service:

Cost:

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u> .00</u>	
b.) Local Revenues	\$ <u>275,000 .00</u>	<u>50</u>
c.) Other Public Revenues	\$ <u> .00</u>	
ODOT	\$ <u> .00</u>	
Rural Development	\$ <u> .00</u>	
OEPA	\$ <u> .00</u>	
OWDA	\$ <u> .00</u>	
CDBG	\$ <u> .00</u>	
OTHER _____	\$ <u> .00</u>	
SUBTOTAL LOCAL RESOURCES:	\$ <u>275,000 .00</u>	<u>50</u>
d.) OPWC Funds		
1. Grant	\$ <u>275,000 .00</u>	<u>50</u>
2. Loan	\$ <u> .00</u>	
3. Loan Assistance	\$ <u> .00</u>	
SUBTOTAL OPWC RESOURCES:	\$ <u>275,000 .00</u>	<u>50</u>
TOTAL FINANCIAL RESOURCES:	\$ <u>550,000 .00</u>	<u>100%</u>

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# _____ Sale Date: _____
STATUS: (Check one)
 Traditional
 Local Planning Agency (LPA)
 State Infrastructure Bank

2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Washington Avenue Storm Sewer Improvements

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

A: SPECIFIC LOCATION:

Washington Avenue (Tower to Greenlee)

Please see attached location map.

PROJECT ZIP CODE: 45217

B: PROJECT COMPONENTS:

- 1.) Remove & replace mainline storm sewer.
- 2.) Remove & replace catch basins & laterals.
- 3.) Install mainline storm laterals for roof drain connections.
- 4.) Mill and overlay existing pavement; full depth repair as necessary.

C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

Project Length = 1100 LF

Pavement Width = 30 ft.

D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

Road or Bridge: Current ADT ____ Year: ____ Projected ADT: ____ Year:

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$ ____ Proposed Rate: \$

Stormwater: Number of households served: 35

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 50 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 70,000 .00

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ 430,000 .00

4.0 PROJECT SCHEDULE: *

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>05 / 15 /01</u>	<u>12 /30 /02</u>
4.2 Bid Advertisement and Award:	<u>11 /01 /03</u>	<u>12/01 /03</u>
4.3 Construction:	<u>01/01 /04</u>	<u>12 /01 /04</u>
4.4 Right-of-Way/Land Acquisition:	<u>NA / /</u>	<u>/ /</u>

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE

OFFICER Barbara Siegel
TITLE Mayor
STREET 110 Washington Avenue
CITY/ZIP St. Bernard, Ohio 45217
PHONE 513-242-7770
FAX 513-641-1840
E-MAIL

5.2 CHIEF FINANCIAL

OFFICER Walter St. Clair
TITLE Auditor
STREET 110 Washington Avenue
CITY/ZIP St. Bernard, Ohio 45217
PHONE 513-242-7770
FAX 513-641-1840
E-MAIL

5.3 PROJECT MANAGER

William R. McCormick
TITLE Project Engineer
STREET 2021 Auburn Avenue
CITY/ZIP Cincinnati, Ohio 45219
PHONE 513-721-5500
FAX 513-721-0607
E-MAIL

Changes in Project Officials must be submitted in writing from the CEO

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [] below that each item listed is attached.

- ☒ [X] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- ☒ [X] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- ☐ [] A cooperation agreement (if the project involves more than one
- ☒ [X] A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature, subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- ☐ [] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- ☐ [] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- ☒ [X] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

Ray P. Schrand, Service Director
Certifying Representative (Type or Print Name and Title)

Ray P. Schrand 9/18/02
Signature/Date Signed

PROJECT: WASHINGTON AVENUE STORM SEWER IMPROVEMENTS
ENG. EST.: \$550,000.00

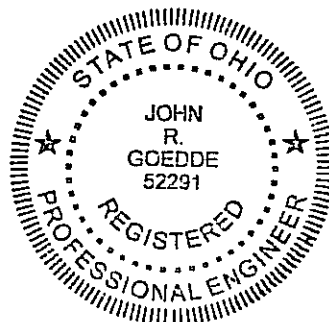
ENGINEER'S
ESTIMATE

DESCRIPTION	UNIT	QUANT	UNIT	TOTAL
SEAL & ABANDON EXISTING SEWERS	LS	1	\$ 5,000.00	\$ 5,000.00
CATCH BASINS/INLETS REMOVED	EA	17	\$ 500.00	\$ 8,500.00
WALK REMOVED & REPLACED	SF	500	\$ 8.00	\$ 4,000.00
CURB REMOVED & REPLACED	LF	500	\$ 24.00	\$ 12,000.00
SURFACE COURSE REMOVED	SY	3,500	\$ 4.00	\$ 14,000.00
PIPE REMOVAL	LF	2,000	\$ 10.00	\$ 20,000.00
403 LEVELING COURSE	CY	150	\$ 90.00	\$ 13,500.00
404 SURFACE COURSE	CY	150	\$ 90.00	\$ 13,500.00
6" STORM SEWER	LF	1,000	\$ 50.00	\$ 50,000.00
12"-15" STORM SEWER	LF	700	\$ 70.00	\$ 49,000.00
18" STORM SEWER	LF	50	\$ 80.00	\$ 4,000.00
24" STORM SEWER	LF	400	\$ 90.00	\$ 36,000.00
30" STORM SEWER	LF	360	\$ 100.00	\$ 36,000.00
WYES	EA	35	\$ 100.00	\$ 3,500.00
CATCH BASINS	EA	20	\$ 2,500.00	\$ 50,000.00
MANHOLES	EA	10	\$ 3,000.00	\$ 30,000.00
MAINTAIN TRAFFIC	LS	1	\$ 10,000.00	\$ 10,000.00
PAVEMENT RESTORATION	SY	700	\$ 30.00	\$ 21,000.00
CONTROLLED BACKFILL	CY	1,000	\$ 40.00	\$ 40,000.00
UTILITY ADJUSTMENTS	LS	1	\$ 60,000.00	\$ 60,000.00
CONSTRUCTION LAYOUT	LS	1	\$ 20,000.00	\$ 20,000.00
CONTINGENCIES	LS	1	\$ 50,000.00	\$ 50,000.00

TOTAL ESTIMATED COST \$ 550,000.00

I HEREBY CERTIFY THIS TO BE AN ACCURATE ESTIMATE OF THE PROPOSED PROJECT.
THE USEFUL LIFE OF THIS PROJECT IS 50 YEARS.


JOHN R. GOEDDE, P.E.





City of St. Bernard

Walter T. St. Clair, Auditor

STATUS OF FUNDS CERTIFICATION

The City of St. Bernard will use \$275,000.00 from its local budget as its participation in the Washington Avenue Storm Drainage Improvement Project.

Walter T. St. Clair, Auditor
City of St. Bernard

RESOLUTION NO. 4, 2002**A RESOLUTION AUTHORIZING THE CITY OF ST. BERNARD TO FILE AN APPLICATION FOR S.C.I.P. FUNDS AND EXECUTION OF PROJECT AGREEMENT WITH OHIO PUBLIC WORKS COMMISSION AND DECLARING AN EMERGENCY.**

WHEREAS, in order to be eligible for S.C.I.P. 2003 Funds through the State of Ohio in conjunction with the Ohio Public Works Commission, it is necessary to file an application requesting said funds; now therefore,

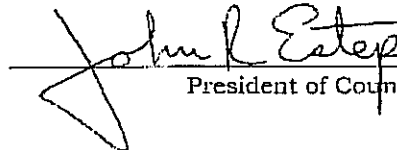
BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ST. BERNARD, COUNTY OF HAMILTON, STATE OF OHIO:

Section 1. That the Service Director be and is hereby authorized to file an application for 2003 S.C.I.P. Funds to the District Public Works Integrating Committee.

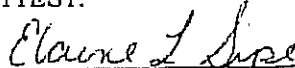
Section 2. That the Service Director is also authorized and directed to execute a project agreement with the Ohio Public Works Commission with respect to the utilization of such funds.

Section 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety. The reason for the emergency is to accomplish this as soon as possible. Therefore, this Resolution shall take effect immediately by and upon its passage, and the approval of two-thirds of the members of said Council. However, this Resolution shall take effect on the earliest date provided by law if approved by no more than the majority of the members of Council and in that event the emergency provisions herein are set at naught.

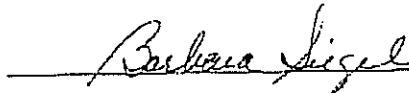
Passed this 1st day of August, 2002.


President of Council


ATTEST:

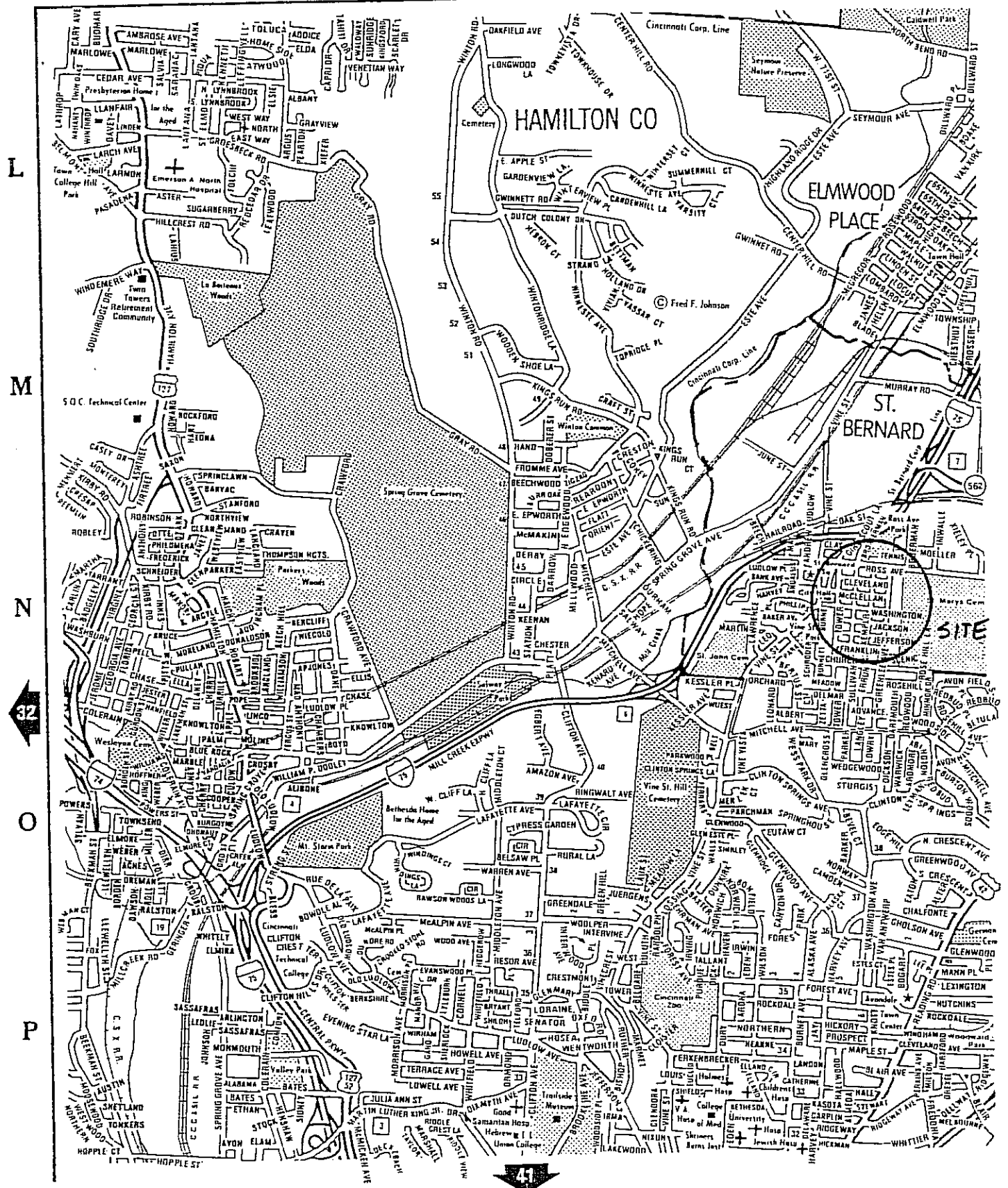

Clerk of Council

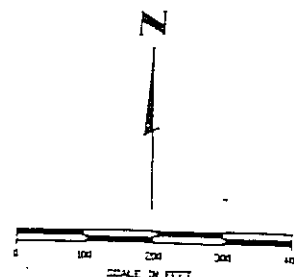
Approved this 1st day of August, 2002.


Mayor

I, ELAINE L. SIPE, CLERK OF COUNCIL, CITY OF ST. BERNARD, STATE OF OHIO, DO HEREBY testify that the publication of Resolution No. 4, 2002, was made by posting true copies of the same in the most public places designated by Council: St. Bernard Square Bus Stop; Vine Street and Washington Avenue; Bertus Street Park; Greenlee Avenue and Jefferson Avenue; Sullivan Avenue and Delmar Avenue; each for a period of fifteen (15) days or more commencing August 2, 2002.










ATTEST:  DATE August 1, 2002
Clerk of Council






1	2
3	4

LEGEND

-  REPORTABLE VIOLATIONS
 EXISTING SANITARY
 24 SYSTEM AND M.H. NUMBER
 4418 RESIDENTIAL ADDRESS
 0-224 VIOLATION NUMBER
 PROJECT AREA BOUNDARY
 24 LEAKING/LOW LYING M.H.
 STORM SEWER VIOLATION
 & REFERENCE NO.
 FORCEMAIN
 SURCHARGED SEWERS
 PROBLEM M.H. (SEE LIST)
 COMBINED SEWER

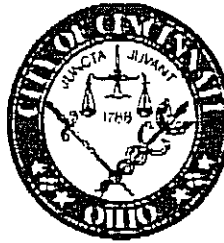
STORMWATER REMOVAL PROJECT REPORT
METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
CITY OF ST. BERNARD, OHIO

GRID MAP 2

 Jones & Henry Engineers, Ltd.
DUNDEE, SCOTLAND



City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue
Cincinnati, Ohio 45232-1986
Phone (513) 591-7890

September 19, 2001

David E. Rager
Director of Water Works

John Goedde, P.E.
JMA Consultants, Inc.
2021 Auburn Avenue
Cincinnati, Ohio 45219

Paul E. Ternes
Water Works Chief Engineer

Re: **Washington Avenue - City of St. Bernard**

Dear Mr. Goedde:

As per your request, we have reviewed the conditions of the existing 6" cast iron water main in Washington Avenue. The main is approximately 70 years of age, unlined, with leaded joints. There is little to no break or maintenance history on this main.

However, we have endeavored to replace these aging mains within the general area in conjunction with the street improvement projects. These older mains are being replaced with 8" diameter, cement lined, ductile iron pipe that will provide greater fire flow and domestic capacity to the residents.

If you have any questions in regards to this matter, please contact me at 591-7862.

Sincerely,

Russell Weber, P.E.
Supervising Engineer

ADDITIONAL SUPPORT INFORMATION

For Program Year 2003 (July 1, 2003 through June 30, 2004), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? X YES NO (ANSWER REQUIRED)

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

The existing storm sewer pipe system is more than 90 years and is approaching the end of its useful life. The entire storm sewer system will be removed and replaced, designed to meet current standards. The existing manhole inlets at the Kemper and Sullivan intersections are deteriorating and must be replaced. The number of inlets are insufficient to adequately collect surface runoff. New inlets will be added.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The existing storm sewer system currently serves as an outfall sewer for more than 20 acres of the surrounding dense single family development to the south. The existing system has capacity for less than a 1 year storm (see attached calculations). The proposed storm sewer system will be designed with capacity for a least a 10 year storm consistent with local regulations. Mainline storm laterals will be constructed with the project to allow

removal of the existing storm tap connections to the sanitary sewer (see attached violation map). The existing 6" waterline is more than 75 years old (near the end of its useful life) and will be replaced with an 8 inch main (see attached letter) in conjunction with the project, if the project is funded. This will provide increased capacity necessary to adequately fight fires.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The existing waterline has lead joints (see letter) and will be replaced with the project. This will alleviate a very serious health hazard (see attached information). Removal of the stormwater from the existing sanitary sewer system will reduce the recurrence of combined sewer overflow downstream. The existing sanitary sewer is tributary to the MSD Mill Creek Interceptor sewer (sanitary sewer in Spring Grove Avenue – see attached map). Removal of stormwater from the sanitary system in Washington as a result of implementing the project will eliminate a significant source of stormwater into the MSD sanitary system consistent with the USEPA consent decree.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Washington Avenue

Priority 2 _____

Priority 3 _____

Priority 4 _____

Priority 5 _____

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No X Yes _____ If yes, what user fees and/or assessments will be utilized?

6) Economic Growth -- How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 10th of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

Local funding is utilized for matching funds for this project.

- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

- 10) If SCIP/LTIP funds were granted, when would the construction contract be awarded?

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would

the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months 2

a.) Are preliminary plans or engineering completed? Yes X No _____ N/A _____

b.) Are detailed construction plans completed? Yes _____ No X N/A _____

c.) Are all utility coordination's completed? Yes _____ No X N/A _____

d.) Are all right-of-way and easements acquired (if applicable)?
Yes _____ No _____ N/A X

If no, how many parcels needed for project? _____ Of these, how many are: Takes _____

Temporary _____

Permanent _____

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

e.) Give an estimate of time needed to complete any item above not yet completed. 6 Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project will primarily affect the residents of St. Bernard

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

Will the ban be removed after the project is completed? Yes _____ No _____ N/A X

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT _____ X 1.20 = _____ Users

Water/Sewer: Homes 140 X 4.00 = 520 Users

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax yes

Infrastructure Levy _____ Specify type _____

Facility Users Fee _____ Specify type _____

Dedicated Tax _____ Specify type _____

Other Fee, Levy or Tax _____ Specify type _____

ST. BERNARD

PRELIMINARY DRAINAGE CALCULATIONS

WASHINGTON AVENUE STORM SEWER

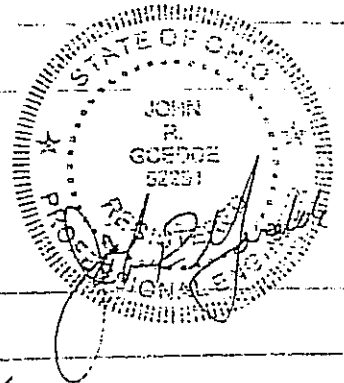
$A = 20 \text{ ac.}$ $C = 0.55$ $T_c = 15 \text{ min.}$

$i_1 = \frac{80}{15+4} = 2.76 \text{ in/hr}$ $Q_1 = 30 \text{ cfs}$

$i_2 = \frac{106}{15+7} = 3.31 \text{ in/hr}$ $Q_2 = 36 \text{ cfs}$

$i_3 = \frac{131}{15+9} = 3.25 \text{ in/hr}$ $Q_3 = 42 \text{ cfs}$

$i_{10} = \frac{170}{15+23} = 4.47 \text{ in/hr}$ $Q_{10} = 49 \text{ cfs}$



Capacity Analysis

$Q = 1.486 \text{ in/hr} \cdot AR^{2/3} \cdot S^{1/2} \cdot n = 0.013$

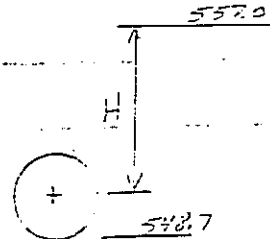
Ex. 15" @ 6% $Q_{cap} = 16 \text{ cfs}$ ($< 1 \text{ yr. storm}$)

Ex. 15" @ 7% $Q_{cap} = 17 \text{ cfs}$ ($< 1 \text{ yr. storm}$)

Proposed (Sullivan to Tower)

30" @ 6% $Q_{cap} = 100 \text{ cfs}$ ($> 49 \text{ cfs} \therefore \text{OK}$)

inlet control: EXIST. MH depth = 8.3'



$Q = 0.61 A \sqrt{2gH}$ $Q = 49 \text{ cfs}$

$A_{30"} = 4.909 \text{ ft}^2$
 $H = \left(\frac{49}{0.61 \cdot 4.909} \right)^2 \cdot \frac{1}{64.4} = 4.2 \text{ ft}$

30" HW ELEV. = $548.7 + \frac{30}{12} + 4.2 = 554.2$ ($< 557.0 \therefore \text{OK}$)

- Check 24" -

$H_{24"} = 10.2'$ $HW = 548.7 + \frac{24}{12} + 10.2 = 559.9$ (> 557.0)

24" pipe experiences surcharge @ 10 yr. storm \therefore 30" storm required (Kemper to Sullivan)

$A = 12.6$ $C = 0.55$ $T_c = 14 \text{ min.}$ $Q_p = 32$

Ex. 15" @ 3% $Q_{cap} = 11 \text{ cfs}$ $Q_1 = 19.8$ ($< 1 \text{ yr. storm}$)

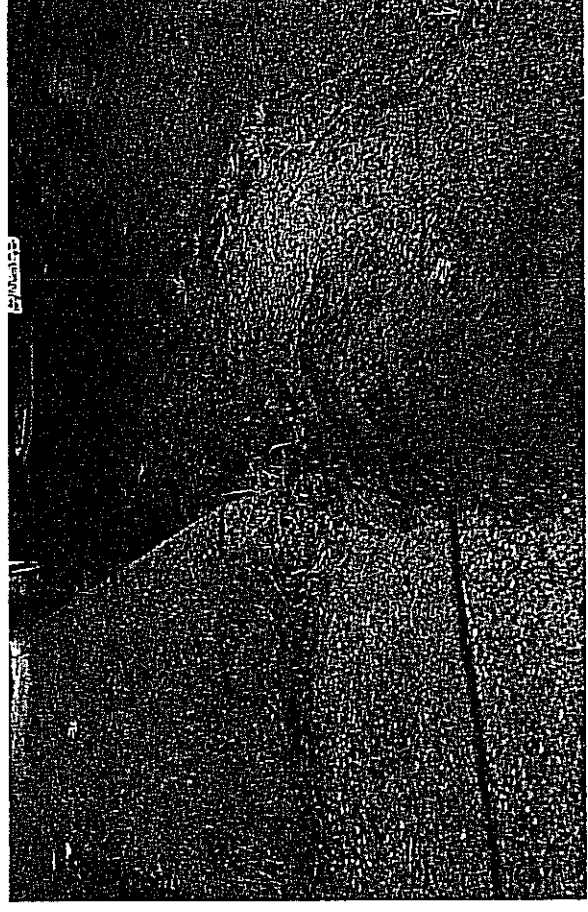
Prop. 24" @ 3% $Q_{cap} = 39 \text{ cfs}$ ($> 32 \text{ cfs} \therefore \text{OK}$)



Washington Avenue



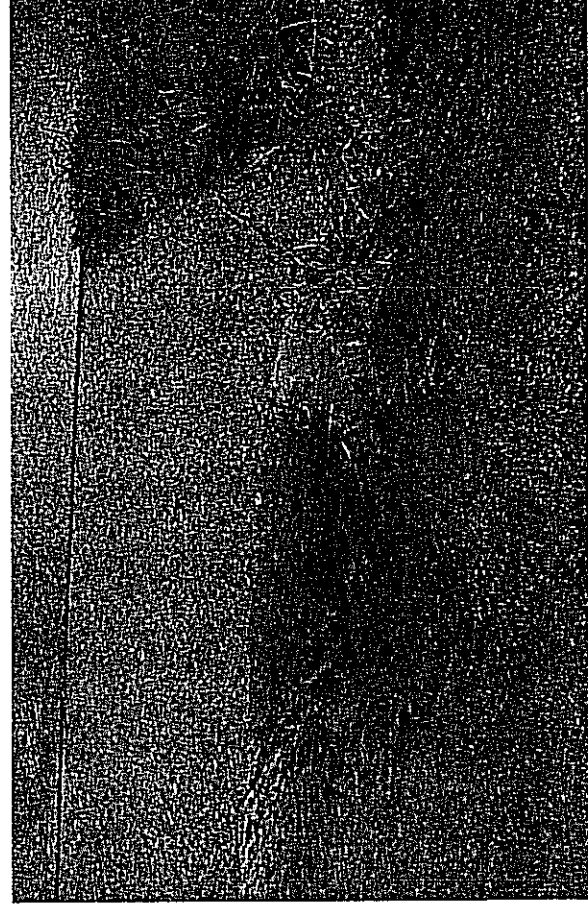
Washington Avenue



Washington Avenue



Washington Avenue



Washington Avenue

SUBMISSION CHECKLIST FOR STATE OF OHIO CAPITAL IMPROVEMENT GRANT/LOAN APPLICATIONS

*City of St. Bernard
Washington Avenue*

This checklist must be submitted with the other items necessary for project eligibility and review. Upon district receipt of the full package, this checklist will be date stamped and a copy will be forwarded to the applying jurisdiction. Once the checklist has been stamped, the district will accept no additional information regarding the project.

The following items MUST be submitted (by the deadline for such submission) in order for the District Two-Integrating Committee and Support Staff to consider your application complete and eligible for funding:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> OPWC Application for Financial Assistance (State of Ohio Form—Signed by C.E.O. of jurisdiction) | <input checked="" type="checkbox"/> Additional Support Information Form (District Two Form) | <input checked="" type="checkbox"/> Detailed Cost Estimate (Signed & Sealed by P.E.) |
| <input checked="" type="checkbox"/> Useful Life Certificate (Signed & Sealed by P.E.) | <input checked="" type="checkbox"/> Status of Funds Certification (Jurisdiction Letterhead — Signed by C.F.O. of jurisdiction) | <input checked="" type="checkbox"/> Project Vicinity Map (Must be legible with project highlighted) |
| <input checked="" type="checkbox"/> Project Pictures (Minimum of 4 - Mounted) | <input type="checkbox"/> Users Certification (Signed by P.E. or C.E.O. of jurisdiction) | <input type="checkbox"/> Loan Repayment Method (Jurisdiction Letterhead — Signed by C.F.O. of jurisdiction) <i>For loan projects only.</i> |

Please list below the data submitted with the application that supports the project.

- | | |
|--|--|
| <ul style="list-style-type: none"> • Infrastructure Condition Data <ul style="list-style-type: none"> - Pictures - Letter from water works - Drainage Calculations - Violation Map • Infrastructure Health Data <ul style="list-style-type: none"> - Violation Map - Letter from CWW | <ul style="list-style-type: none"> • Infrastructure Safety Data <ul style="list-style-type: none"> - Letter from CWW • Jurisdiction User Fee/Assessment Data |
| <ul style="list-style-type: none"> • Economic Growth Data | <ul style="list-style-type: none"> • Alleviate Traffic Hazards/LOS Data |
| <ul style="list-style-type: none"> • Ban/Moratorium Data | <ul style="list-style-type: none"> • Users Certification Data |

The following items must be submitted by DECEMBER 2, 2002:

<input type="checkbox"/> Capital Improvement Report	<input checked="" type="checkbox"/> Enabling Legislation
---	--

SCIP/LTIP PROGRAM
ROUND 17 - PROGRAM YEAR 2003
PROJECT SELECTION CRITERIA
JULY 1, 2003 TO JUNE 30, 2004

NAME OF APPLICANT: ST. BERNARD

NAME OF PROJECT: KLASHINGTON AVE STORM SEWER

RATING TEAM: _____

NOTE: See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system.

CIRCLE THE APPROPRIATE RATING

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

- 25 - Failed
- 23 - Critical
- 20 - Very Poor
- ☒ 17 - Poor
- 15 - Moderately Poor
- 10 - Moderately Fair
- 5 - Fair Condition
- 0 - Good or Better

Observation and documented age call for standard what.

Appeal Score _____

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- ☒ 10 - Minimal importance
- 0 - No measurable impact

*water main upgrade
no other documentation*

Appeal Score _____

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- ☒ 10 - Minimal importance
- 0 - No measurable impact

- lead joints removed from water line

- CSO argument not ~~was~~ substantiated

Appeal Score _____

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

- ☒ 25 - First priority project
- 20 - Second priority project
- 15 - Third priority project
- 10 - Fourth priority project
- 5 - Fifth priority project or lower

Appeal Score _____

5) Will the completed project generate user fees or assessments?

- ☒ 10 - No
- 0 - Yes

Appeal Score _____

- 6)

Economic Growth – How the completed project will enhance economic growth (See definitions).

10 – The project will directly secure significant new employment

7 - The project will directly secure new employment

5 – The project will secure new employment

3 – The project will permit more development

0 – The project will not impact development

Appeal Score
- 7)

Matching Funds - LOCAL

10 - This project is a loan or credit enhancement

10 - 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

0 – Less than 10%
- 8)

Matching Funds - OTHER

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

1 – 1% to 9.99%

0 – Less than 1%
- 9)

Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?
(See Addendum for definitions)

10 - Project design is for future demand.

8 - Project design is for partial future demand.

6 - Project design is for current demand.

4 - Project design is for minimal increase in capacity.

2 - Project design is for no increase in capacity.

Appeal Score
- 10)

Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)

5 - Will be under contract by December 31, 2003 and no delinquent projects in Rounds 14 & 15

3 - Will be under contract by March 31, 2004 and/or one delinquent project in Rounds 14 & 15

0 - Will not be under contract by March 31, 2004 and/or more than one delinquent project in Rounds 14 & 15
- 11)

Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions)

10 - Major impact

8 -

6 - Moderate impact

4 -

2 - Minimal or no impact

Appeal Score

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

- 13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

Appeal Score

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

0 - Less than 20% reduction in legal load

- 14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more

Appeal Score

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

- 15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above

Appeal Score

3 - One of the above

0 - None of the above

General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

Criterion 1 - Condition

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

Definitions:

Failed Condition - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

Critical Condition - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

Very Poor Condition - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

Poor Condition - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

Moderately Poor Condition - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

Moderately Fair Condition - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

Fair Condition - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

Good or Better Condition - little to no maintenance required to maintain integrity.

Note: If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

Criterion 2 – Safety

The jurisdiction shall include in its application the type of safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

Criterion 3 – Health

The jurisdiction shall include in its application the type and seriousness of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? Are leaded joints involved in existing water line replacements? In all cases, specific documentation is required.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

Criterion 4 – Jurisdiction’s Priority Listing

The jurisdiction **must** submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

Criterion 5 – Generate Fees

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development in the service area?

Definitions:

Directly secure significant new employment: The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.

Directly secure new employment: The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.

Secure new employment: The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.

Permit more development: The project is designed to permit additional business development. The applicant must supply details.

The project will not impact development: The project will have no impact on business development.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply.

Criterion 7 – Matching Funds - Local

The percentage of matching funds which come directly from the budget of the applying local government.

Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

Criterion 9 – Alleviate Traffic Problems

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

Formula:

Existing users x design year factor = projected users

<u>Design Year</u>	<u>Design year factor</u>		
	<u>Urban</u>	<u>Suburban</u>	<u>Rural</u>
20	1.40	1.70	1.60
10	1.20	1.35	1.30

Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

Criterion 10 - Ability to Proceed

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

Criterion 11 - Regional Impact

The regional significance of the infrastructure that is being repaired or replaced.

Definitions:

Major Impact - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.

Moderate Impact - Roads: principal thoroughfares, Federal Aid Urban routes

Minimal / No Impact - Roads: cul-de-sacs, subdivision streets

Criterion 12 – Economic Health

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

Criterion 13 - Ban

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

Criterion 14 - Users

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

Criterion 15 – Fees, Levies, Etc.

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.